

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002507**Date Inspected:** 11-Jul-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Mr. Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See Below**Bid Item:** 77, 78, 79**Lot No:** B # 204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE II coating inspector, Mr. Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE II coating inspector observed the following:

1. An inspection was requested on the OBG Bike path external surfaces -2 sets(BK 001-035 & BK 001-036) and 22 sets of Traveller rail bracket for DFT check and final acceptance, vide request no. 3655 at Painting shop 1 & 2. This was supposed to be carried out by Caltrans Engineer. Since, Nobody from Caltrans available today, and as per telephonic discussion with Caltrans Engineer, Mr. Aaron Prichlik, This Caltrans inspector Baskar Govindarajan performed final acceptance inspection along with ABF inspector Mr. Shi stone and accepted the Bike path and Traveller Brackets after minor touch up in some areas for Low DFT. International protective coatings technical service representative Mr. Lou Qian Chuan was found present during the course of this inspection process.

2. An inspection was requested on the OBG Counter weight external surfaces (11 sets ), Suspender Brackets external surface (12Sets), Counter weight cover plates (26 pieces) and Cross beam side plate man hole cover plate (2 pieces) for DFT check and final acceptance, vide request no. 3654 at Painting shop 2. This was supposed to be carried out by Caltrans Engineer. Since, Nobody from Caltrans available today, and as per telephonic discussion with Caltrans Engineer, Mr. Aaron Prichlik, This Caltrans inspector Baskar Govindarajan performed final acceptance inspection along with ABF inspector Mr. Shi stone and Rejected the all Counter weights and Suspender Brackets. The rejection is due to Orange peel and wrinkling found in Bottom plates. Minor touch up in

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some areas for Low DFT observed in Counter weight cover weight cover plates and Cross beam man hole cover plate. International protective coatings technical service representative Mr. Lou Qian Chuan was found present during the course of this inspection process. (Photograph of Suspender bracket and Counter weight is attached)

3. An inspection was requested on the OBG Stiffeners and Splices, Tower L Splices for Washing and Degreasing inspection, vide request no. 3657 and T 907 at West Gate of the Blasting workshop. This Caltrans inspector observed, ABF inspectors Mr. Shi stone performing said inspection check and accepted the same after minor washing in some of the corner of L Splices. International protective coatings technical service representative was not found present during the course of this inspection process. (Photo attached)

4. An inspection was requested for the OBG internal entire Floor (10AW), vide inspection request no. 3660 for Preblast inspection. This Caltrans inspector observed, ABF inspector Mr. Vince, Mr. Turtle and Mr. Kasi Wang performing the Pre Blasting inspection. CT inspectors Mr. Tim McClendon (B 290), Mr. Larry Viars (B252), Mr. Subasis Bera (B 205, Mr. Vibin (B 294) and Mr. Pillai (B 286) found present during the preblast inspection. All the weld repairs like porosity marked for weld repair and its recorded in weld maps by B 290. Points marked for gring and touch ups by ABF and CT Inspectors. International protective coating representative was not found present during the inspection process.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



### Summary of Conversations:

To attend the Final acceptance notification for OBG Bike path external surfaces -2 sets(BK 001-035 & BK 001-036) and 22 sets of Traveller rail bracket , Counter weight external surfaces (11 sets ), Suspender Brackets external surface (12Sets), Counter weight cover plates (26 pieces) and Cross beam side plate man hole cover plate (2 pieces) -( Notification nos -3654 and 3655), Engineer from caltrans, Mr. Aaron Prichlik, authorized Caltrans QA Inspector Mr. Baskar Govindarajan, as per the telephonic conversation made with him. This was informed to Mr. Mark Miller and Mr. William Clifford verbally.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Michael Ng (15921845703), who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Baskar,Govindarajan	Quality Assurance Inspector
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<b>Reviewed By:</b>	Clifford,William	QA Reviewer
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